AUTHOR INDEX TO VOLUME 57

Aguirre A, 147
Ahmed N, 91
Alzuet G, 219
Anagnostopoulos A, 279
Andreasen MF, 271
Babić-Ivančić V, 33
Bagger S, 271
Bal W, 235
Bazsa G, 73
Bereman RD, 63, 287
Berthon G, 191
Bienvenue E, 157
Bieth H, 127
Billadeau MA, 249
Blanco MD, 293
Borras J, 147, 219
Bose RN, 135
Bowen JH, 63
Bowen LH, 287
Bramham J, 23
Brničević N, 33
Brumas B, 191
Brumas V, 191
Brunori M, 169
Carcelli M, 43
Carugo O, 219
Casanova J, 219
Choua S, 157
Chruscinski L, 235
Citro G, 169
Coe EM, 63, 287
Condorelli G, 115
Costanzo LL, 115
De Guidi G, 115
Decock P, 1
Egan TJ, 11
Füredi-Milhofer H, 33
García-Granda S, 147
Gelerinter E, 135
Giuffrida S, 115
Hadjispyrou S, 279
Jezowska-Bojczuk M, 1, 235
Jiang H, 91
Kowalik-Jankowska T, 183
Kozlowski H, 1, 183, 235
Kupryszewski G, 235
Lin W-Y, 79
Liu G, 103
Lobo-Recio M-A, 157
Makowski M, 183
Mao Y, 91
Marques HM, 11
Marzin C, 157
Mazza P, 43
Mernissi-Arifi K, 127
Micera G, 1
Moghaddas S, 135
Monte WT, 63
Morrison H, 249
Olmo R, 293
Ortiz R, 147
Pacheco P, 157
Pappalardo G, 115
Pawelczak K, 183
Pelizzi C, 43
Pelizzi G, 43
Perello L, 147
Pettit LD, 1, 183
Ramirez JA, 219
Riddell FG, 23
Saxena C, 209
Scaggs L, 63
Schlewer G, 127
Seta P, 157
Sevilla I, 147
Shao W, 103
Shi X, 91
Silvestrini MC, 169
Singh RV, 209
Socorro JM, 293
Sortino S, 115
Sørensen AM, 271
Speer JA, 63, 287
Spiess B, 127
Tang W, 103
Tarrago G, 157
Teijón JM, 293
Tordi MG, 169
Trojko R, 33
Vajda T, 77
Vecchini P, 169
Wagner K, 271
Walton T, 11
Witczuk B, 235
Wu C-H, 79
Zani F, 43

SSDI 0162-0134(94)00101-F

SUBJECT INDEX TO VOLUME 57

Acetylsalicylic acid, copper(II) interactions with, 191
Acyl acceptors, cobalt(III)-ligated peptides as, 271
Akagenéite, iron dextran complex studies and, 63
Aluminum complex
  D-*myo*-inositol 1,2,6-triphosphate, 127
  DL-*myo*-inositol 1,4,5-triphosphate, 127
Amino acids, binding ability of N-para-amino-phenylsulfonyl derivatives of, 183
Aminopeptidase, metal ions effects on aminopeptidase isolated from pronase, 79
Angiotensin II fragments, copper(II) binding by, 235
Arg-Val-Tyr-Ile-His, copper(II) binding by, 235
Asp-Arg-Val-Tyr-Ile-His, copper(II) binding by, 235
Bactericides, unsymmetrical borole complexes as biocides, 209
Benzothiazolines, interaction of, 209
Bipolar affective disorder, molecular basis of, 23
Borole complexes, as biocides, 209
C-terminal monoferric transferrin, iron release from, 11
Calcium hydrogenurate hydrate, mixed-coordinated, 33
Calcium urates, in urinary stones, 33
Carbonic anhydrase inhibition, methazolamide, 219
Carcinogenesis, nickle(II) and, 91
Chromium, hypervalent metabolites, 135
Chromium(III) complexes, *cis*-Dichlorobis-(1,10-phenanthroline)chromium(III), photoaquation of, 249
Chromium(VI), hypervalent chromium metabolites in reaction of glutathione and, 135
Chymotrypsin, peptide synthesis catalyzed by, 271
cis-Dichlorobis-(1,10-phenanthroline)chromium(III), photoaquation of, 249
Cobalt(III)-ligated peptides, peptide synthesis catalyzed by chymotrypsin and, 271
Copper(II)
  binding by angiotensin II fragments, 235
  effect on photosensitized lipid peroxidation, 115
  interactions with nonsteroidal antiinflammatory agents, 191
  phenobarbiturate complexes of, 147
  structure and superoxide dismutase activity of ruthenium(II), manganese(II), and, 157
Copper(II) complexes
  $Cu(macm)_2(NH_3)_3(H_20)$, anticonvulsant properties of, 219
  studies of, 1
  x-ray crystal structure of a dinuclear, 43
Copper(II) ions, N-para-amino-phenylsulfonyl derivatives of amino acids and, 183
Cytochrome *c*
  ^{1}H NMR studies of 1-methylimidazole complex of, 103
  monomeric *Pseudomonas aeruginosa* nitrite reductase, 169
D-*myo*-inositol 1,2,6-triphosphate, aluminum complex of, 127
2,6-Diacetylpyridines, antimicrobial and genotoxic activity, 43
Digalactosamine, and di- and trigalacturonic acids with copper(II), 1
Digalacturonic acids, with copper(II), 1
DL-*myo*-inositol 1,4,5-triphosphate, aluminum complex of, 127
DNA, chromium complexes and, 249
Erythrocyte membrane composition, lithium effects on, 23
Fungicides, unsymmetrical borole complexes as biocides, 209
Glutathione
HPLC investigation on nickel(II)-mediated DNA damage with *t*-butyl hydroperoxide and, 91
hypervalent chromium metabolites in reaction of chromium(IV) and, 135
H_20/Lysozyme/$A1C1_3$ system, preferential interactions in, 293
Hydrazones, antimicrobial and genotoxic activity, 43
Inositol phosphates, complexation studies of, 127
Iron deficiency, oral supplements for, 287
Iron dextran complex, Mössbauer spectroscopy and x-ray diffraction, 63
Iron release, from monoferric transferrin, 11
Iron supplements, comparison of polysaccharide iron complexes, 287
Ketoprofen, antioxidant effect of copper(II) on photosensitized lipid peroxidation and, 115
Lipid peroxidation, antioxidant effect of copper(II) on photosensitized, 115
Lithium, effect on human erythrocyte membrane composition, 23
Lysozyme, preferential interactions with solvent components, 293
Macromolecules, interaction with other molecules, 293
Manganese(II), structure and superoxide dismutase activity of ruthenium(II), copper(II), and, 157
Manganese(II)-induced trypsin activity, self-similarity of, 73, 77
Membrane proteins, lithium effects on, 23
Metal ions amino groups and imidazole nitrogens competition in anchoring of, 235
  aminopeptidase isolated from pronase and effects of, 79
  complex formation between barbituric derivatives and, 147
Methazolamide, metal complexes of the carbonic anhydrase inhibitor, 219
1-Methylimidazole complex of cytochrome *c*, ^{1}H NMR studies of, 103
Mixed-ligand complex formation, effects of, 279
Monoferric transferrin, iron release from, 11
N-(4-aminobenzoyl)glycine, mixed-ligand complex formation effects on deprotonation of amine groups in, 279
N-para-amino-phenylsulfonyl derivatives of amino acids, binding ability of, 183
$Na_2[CU(phenobarbiturate)_4]$ complex, crystal structure of, 147
Naproxen, antioxidant effect of copper(II) on photosensitized lipid peroxidation and, 115
N-benzoylglycine, mixed-ligand complex formation effects on deprotonation of amine groups in, 279
Nickel(II), HPLC investigation of, 91
Nitrite reductase, monomeric *Pseudomonas aeruginosa*, 169
Nonsteroidal antiinflammatory agents, copper(II) interactions with, 191
Nuclear magnetic resonance studies, 1-methylimidazole complex of cytochrome *c*, 103
Peptide synthesis, cobalt(III)-ligated peptides in, 271
Phenobarbiturate complexes, copper(II) in, 147
Phosphate, iron release from monoferric transferrin to, 11
Polysaccharide iron complexes, comparison of, 287
Potentiometric studies
  angiotensin II fragments, copper(II) binding of, 235
  digalactosamine and di- and trigalacturonic acids with copper(II), 1
Pronase, metal ions effects on aminopeptidase isolated from pronase, 79
Pseudomonas aeruginosa, nitrite reductase, 169
Pyrophosphate, iron release from monoferric transferrin to, 11
Renal calculi, calcium hydrogenurate hydrate in, 33
Ruthenium(II), structure and superoxide dismutase activity of copper(II), manganese(II), and, 157
Salicylic acid, copper(II) interactions with, 191
Spectroscopic studies

SSDI 0162-0134(94)00102-G

angiotensin II fragments, copper(II) binding of, 235
binding ability of N-para-amino-phenylsulfonyl derivatives of amino acids, 183
digalactosamine and di- and trigalacturonic acids with copper(II), 1
iron dextran complex, 63
polysaccharide iron complexes, comparison of, 287
Structure and superoxide dismutase activity, ruthenium(II), copper(II), manganese(II) macrocyclic complexes, 157
Superoxide dismutase activity, ruthenium(II), copper(II), manganese(II) macrocyclic complexes, 157
t-Butyl hydroperoxide, HPLC investigation on nickel(II)-mediated DNA damage with glutathione and, 91
Trigalacturonic acids, with copper(II), 1
Triisopropoxyborane, benzothiazolines and, 209
Trypsin, oscillating reactions, 73, 77
Urinary stones, calcium urates in, 33
Zinc(II) complexes,
$Zn(macm)_2(NH_3)_2$, crystal structure of, 219